

APPENDIX G

EXECUTABLE SOFTWARE, SOURCE FILES, SEGMENTATION SCRIPTS

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The following sections list all the RDA software, executables and segmentation scripts. A diagram of how the RDA software dynamically interrelates is shown in Figure G-1, RDA Software Architecture.

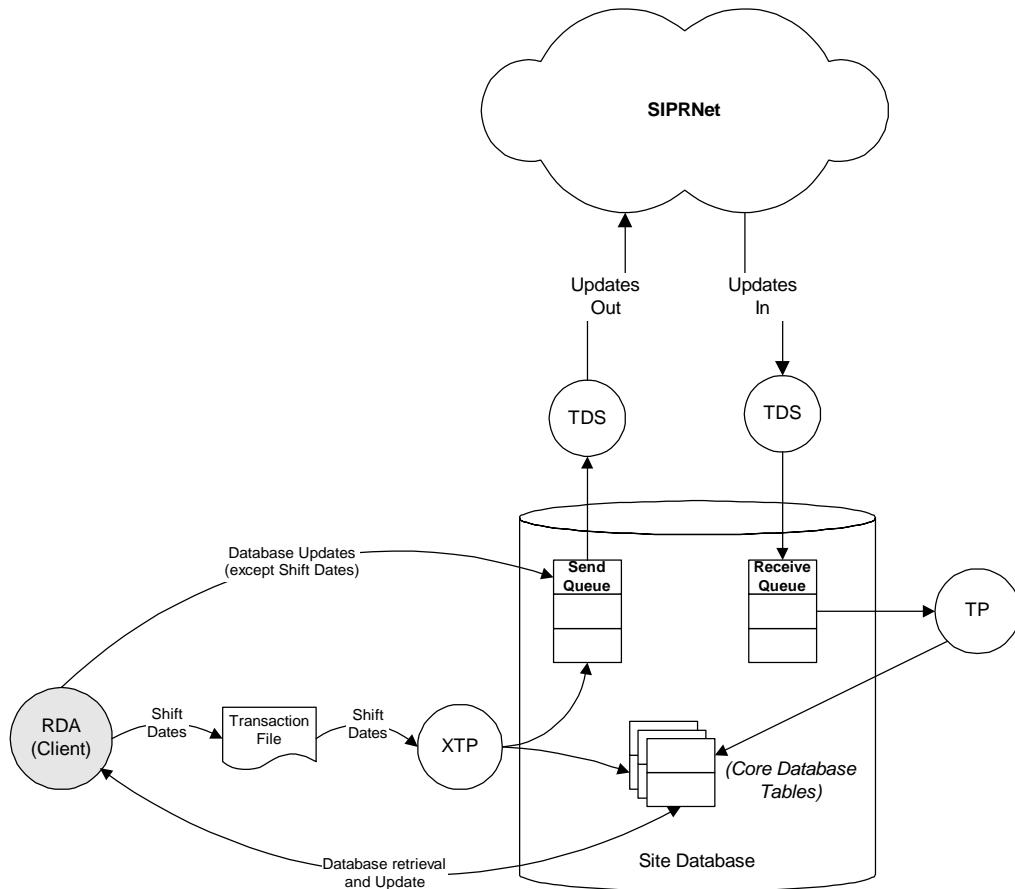


Figure G-1. RDA Software Architecture

G.1 Executable Software

RDA is composed of a Gain Momentum runtime engine, and a collection of libraries that are accessed from the engine. The executables that are part of the runtime engine are supplied by the Gain environment.

G.1.1 COTS Executables

- a. gain.exe,
- b. gmoracle7.exe, and
- c. gmnetd.exe.

G.2 Source Files

For RDA, source code exists in three forms: 1) Gain Momentum library code, 2) ORACLE PL/SQL stored procedure package code, and 3) C-Shell Script code. The Gain Momentum code is used to create the RDA client and contains the definition and specification of the user interface. The ORACLE PL/SQL code provides functions that are installed in the database for supporting the execution of the RDA client. The C-Shell Script code provides installation and deinstallation of the software.

The source codes are listed below.

G.2.1 Gain Momentum Library Code

Gain Momentum libraries are used to store the Gain Momentum source code. These libraries exist as individual files that contain Object-Oriented Databases (OODBs). The files are binary files that are readable only by the Gain Momentum development or runtime environments. The RDA Gain Momentum libraries are:

predefinedreports.glb (provided by PDR segment)
rdacargo.glb
rdadevtools.glb
rdaforcemodules.glb
rdomain.glb
rdamergecompare.glb
rdareferencefiles.glb
rdarequirements.glb
rdaselect.glb
rdatimeline.glb
rdautility.glb

G.2.2 ORACLE PL/SQL Packages

The list of source code packages is provided below.

*RDARawCopy_body.sql
RDARawCopy_spec.sql
RDARequirements_PIA_body.sql
RDARequirements_PIA_spec.sql
RDARequirements_PIABody.sql
RDARequirements_PIAB_spec.sql
RDARequirements_PI BB_body.sql
RDARequirements_PI BB_spec.sql
RDARequirements_PI BC_body.sql
RDARequirements_PI BC_spec.sql
RDARequirements_PI BD_body.sql
RDARequirements_PI BD_spec.sql
RDARequirements_PI B_body.sql
RDARequirements_PI B_spec.sql
RDARequirements_PI C_body.sql
RDARequirements_PI C_spec.sql
RDARequirements_PI D_body.sql
RDARequirements_PI D_spec.sql
RDARequirements_PI E_body.sql
RDARequirements_PI E_spec.sql
RDARequirements_PI F_body.sql
RDARequirements_PI F_spec.sql
RDARequirements_PI G_body.sql
RDARequirements_PI G_spec.sql
RDARequirements_P2_body.sql
RDARequirements_P2_spec.sql
RDA_PK_edit_fm2_body.sql
RDA_PK_edit_fm2_spec.sql
RDA_PK_edit_fm_body.sql
RDA_PK_edit_fm_spec.sql
RDA_PK_fm_copy_reqs_body.sql
RDA_PK_fm_copy_reqs_spec.sql
cleanoutold.sql
compare_groups.sql
create_rda_role.sql
drop_rdauser.sql
dropall.sql
getRDADDLocks.sql
getSQL
grant_rda_role.sql
gsorts_rda_role.sql
installall.sql
invalid.sql
ld_msg*

listRDADDLusers.sql
msg.ctl
msg.data
pdr_insert_errors.sql
pkgStatus.sql
rda_pid_update_body.sql
rda_pid_update_spec.sql
rda_pk_ULNTemplate_body.sql
rda_pk_ULNTemplate_spec.sql
rda_pk_ap_common_body.sql
rda_pk_ap_common_spec.sql
rda_pk_ap_comp_rep_body.sql
rda_pk_ap_comp_rep_spec.sql
rda_pk_ap_compcancel_body.sql
rda_pk_ap_compcancel_spec.sql
rda_pk_compare_body.sql
rda_pk_compare_spec.sql
rda_pk_express_retrieval_1_body.sql
rda_pk_express_retrieval_1_spec.sql
rda_pk_express_retrieval_2_body.sql
rda_pk_express_retrieval_2_spec.sql
rda_pk_frag_ins_body.sql
rda_pk_frag_ins_spec.sql
rda_pk_insertcinpин_body.sql
rda_pk_insertcinpин_spec.sql
rda_pk_insertuln_body.sql
rda_pk_insertuln_spec.sql
rda_pk_merge_body.sql
rda_pk_merge_force_ins_body.sql
rda_pk_merge_force_ins_spec.sql
rda_pk_merge_spec.sql
rda_pk_nonunit_body.sql
rda_pk_nonunit_spec.sql
rda_pk_plansumm_cinc_body.sql
rda_pk_plansumm_cinc_spec.sql
rda_pk_plansumm_cincsel_body.sql
rda_pk_plansumm_cincsel_spec.sql
rda_pk_plansumm_common_body.sql
rda_pk_plansumm_common_spec.sql
rda_pk_plansumm_oplansel_body.sql
rda_pk_plansumm_oplansel_spec.sql
rda_pk_plansumm_oplanupd_body.sql
rda_pk_plansumm_oplanupd_spec.sql
rda_pk_plansumm_sel2_body.sql
rda_pk_plansumm_sel2_spec.sql
rda_pk_plansumm_sel_body.sql
rda_pk_plansumm_sel_spec.sql
rda_pk_plansumm_suppplan_body.sql

rda_pk_plansumm_suppoplan_spec.sql
rda_pk_plansumm_suppoplansel_body.sql
rda_pk_plansumm_suppoplansel_spec.sql
rda_pk_plansumm_text_body.sql
rda_pk_plansumm_text_spec.sql
rda_pk_reqidchk_body.sql
rda_pk_reqidchk_spec.sql
rda_pk_split_body.sql
rda_pk_split_spec.sql
rda_pk_tcc_body.sql
rda_pk_tcc_spec.sql
rda_pk_templates_body.sql
rda_pk_templates_spec.sql
rda_pk_tg_bcdsort_body.sql
rda_pk_tg_bcdsort_spec.sql
rda_pk_tg_cargo_body.sql
rda_pk_tg_cargo_spec.sql
rda_pk_tg_common_body.sql
rda_pk_tg_common_spec.sql
rda_pk_tg_conv_cargo_body.sql
rda_pk_tg_conv_cargo_spec.sql
rda_pk_tg_copy_cin_body.sql
rda_pk_tg_copy_cin_spec.sql
rda_pk_tg_copy_pin_body.sql
rda_pk_tg_copy_pin_spec.sql
rda_pk_tg_copy_uln_body.sql
rda_pk_tg_copy_uln_spec.sql
rda_pk_tg_cpuln_nscgbtk_body.sql
rda_pk_tg_cpuln_nscgbtk_spec.sql
rda_pk_tg_cpuln_nscgbtt_body.sql
rda_pk_tg_cpuln_nscgbtt_spec.sql
rda_pk_tg_del_uln_cin_pin_body.sql
rda_pk_tg_del_uln_cin_pin_spec.sql
rda_pk_tg_encrypt_bcd_body.sql
rda_pk_tg_encrypt_bcd_spec.sql
rda_pk_tg_encrypt_body.sql
rda_pk_tg_encrypt_ebcdic_body.sql
rda_pk_tg_encrypt_ebcdic_spec.sql
rda_pk_tg_encrypt_spec.sql
rda_pk_tg_fm_cin_body.sql
rda_pk_tg_fm_cin_spec.sql
rda_pk_tg_fm_descdt_body.sql
rda_pk_tg_fm_descdt_spec.sql
rda_pk_tg_fm_mass_body.sql
rda_pk_tg_fm_mass_spec.sql
rda_pk_tg_fm_nscgbt_body.sql
rda_pk_tg_fm_nscgbt_spec.sql
rda_pk_tg_fm_pin_body.sql

rda_pk_tg_fm_pin_spec.sql
rda_pk_tg_fm.uln_body.sql
rda_pk_tg_fm.uln_spec.sql
rda_pk_tg_mass_add_del_body.sql
rda_pk_tg_mass_add_del_spec.sql
rda_pk_tg_mass_common_body.sql
rda_pk_tg_mass_common_spec.sql
rda_pk_tg_mass_del_nrnubt_body.sql
rda_pk_tg_mass_del_nrnubt_spec.sql
rda_pk_tg_mass_del.ulnubt_body.sql
rda_pk_tg_mass_del.ulnubt_spec.sql
rda_pk_tg_mass_nrnubt_body.sql
rda_pk_tg_mass_nrnubt_spec.sql
rda_pk_tg_mass_nsccbtk_body.sql
rda_pk_tg_mass_nsccbtk_spec.sql
rda_pk_tg_mass_nsccbtt_body.sql
rda_pk_tg_mass_nsccbtt_spec.sql
rda_pk_tg_mass_transaction_body.sql
rda_pk_tg_mass_transaction_spec.sql
rda_pk_tg_mass.ulnubt_body.sql
rda_pk_tg_mass.ulnubt_spec.sql
rda_pk_tg_nonunit_body.sql
rda_pk_tg_nonunit_spec.sql
rda_pk_tg_nsdata_body.sql
rda_pk_tg_nsdata_spec.sql
rda_pk_tg_p1b_idxdt_body.sql
rda_pk_tg_p1b_idxdt_spec.sql
rda_pk_tg_p1b_nrnubtc_body.sql
rda_pk_tg_p1b_nrnubtc_spec.sql
rda_pk_tg_p1b_nrnubtp_body.sql
rda_pk_tg_p1b_nrnubtp_spec.sql
rda_pk_tg_p1b_nsccbtk_body.sql
rda_pk_tg_p1b_nsccbtk_spec.sql
rda_pk_tg_p1b_nsccbtt_body.sql
rda_pk_tg_p1b_nsccbtt_spec.sql
rda_pk_tg_p1b.ulnubt_body.sql
rda_pk_tg_p1b.ulnubt_spec.sql
rda_pk_tg_p2.uln_ubt_body.sql
rda_pk_tg_p2.uln_ubt_spec.sql
rda_pk_tg_pidupd2_body.sql
rda_pk_tg_pidupd2_spec.sql
rda_pk_tg_pidupd_body.sql
rda_pk_tg_pidupd_spec.sql
rda_pk_tg_plan_body.sql
rda_pk_tg_plan_spec.sql
rda_pk_tg_raw_copy_cin_body.sql
rda_pk_tg_raw_copy_cin_spec.sql
rda_pk_tg_raw_copy_nsccb_body.sql

rda_pk_tg_raw_copy_nscgbt_spec.sql
rda_pk_tg_raw_copy_pin_body.sql
rda_pk_tg_raw_copy_pin_spec.sql
rda_pk_tg_raw_copy_uln_body.sql
rda_pk_tg_raw_copy_uln_spec.sql
rda_pk_tg_raw_mass_body.sql
rda_pk_tg_raw_mass_spec.sql
rda_pk_tg_renum_cin_body.sql
rda_pk_tg_renum_cin_spec.sql
rda_pk_tg_renum_pin_body.sql
rda_pk_tg_renum_pin_spec.sql
rda_pk_tg_renum_uln_body.sql
rda_pk_tg_renum_uln_spec.sql
rda_pk_tg_transaction_body.sql
rda_pk_tgfm_body.sql
rda_pk_tgfm_spec.sql
rda_pk_tgjd_force_body.sql
rda_pk_tgjd_force_spec.sql
rda_pk_tgmg_nrnubtc_body.sql
rda_pk_tgmg_nrnubtc_spec.sql
rda_pk_tgmg_nrnubtp_body.sql
rda_pk_tgmg_nrnubtp_spec.sql
rda_pk_tgmg_nscgbtk_body.sql
rda_pk_tgmg_nscgbtk_spec.sql
rda_pk_tgmg_nscgbtt_body.sql
rda_pk_tgmg_nscgbtt_spec.sql
rda_pk_tgmg_ulndel_body.sql
rda_pk_tgmg_ulndel_spec.sql
rda_pk_tgmg_ulnubt_body.sql
rda_pk_tgmg_ulnubt_spec.sql
rda_pk_toolbox_body.sql
rda_pk_toolbox_spec.sql
rda_pk_ucp_counts_body.sql
rda_pk_ucp_counts_spec.sql
rda_pk_unsplit_body.sql
rda_pk_unsplit_spec.sql
rda_pk_ve1_body.sql
rda_pk_ve1_spec.sql
rda_pk_ve2_body.sql
rda_pk_ve2_spec.sql
rda_pk_ve3_body.sql
rda_pk_ve3_spec.sql
rda_pk_ve4_body.sql
rda_pk_ve4_spec.sql
rda_pk_ve5_body.sql
rda_pk_ve5_spec.sql
rda_pk_ve6_body.sql

rda_pk_ve6_spec.sql
rda_pk_ve7_body.sql
rda_pk_ve7_spec.sql
rda_role.sql
truncmsg.sql

G.2.3 System Script Files

The source files in C-Shell Script code are as follows:

RDA_print_file.csh
autop.gel
check_active_gain_processes.csh
check_active_gain_processes.tk
copy_fm_to_target.doc
edit_copyplan.csh
edit_mergeplan.csh
gain
get_current_printer.csh
get_current_printer_wish.csh
get_current_printer_wish.tk
get_current_printer_xterm.csh
print_file.awk
print_file.csh
print_file.tk
rda_compare_exp.csh
rda_compare_exp_sql.csh
rda_compare_monitor_icon
rda_compareplan.csh
rda_compareplan.sql
rda_compareplan_sql.csh
rda_compcancel.sql
rda_complan_rep.csh
rda_complan_rep.sql
rda_copyfm.csh
rda_copyfm.sql
rda_copymark.csh
rda_copymark.real.csh
rda_copymark.sql
rda_copymark_deltarget.sql
rda_copymark_try.csh
rda_copyplan.csh
rda_copyplan.sql
rda_copyplan_delete.sql
rda_mergeplan.csh
rda_mergeplan.sql
rda_mergeplan_delete.sql
rda_message.tk

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rda_post_copyfm.sql  
rda_post_copyfm_del.sql  
rda_post_copymark.sql  
rda_post_copymark_del.sql  
rda_post_merge.sql  
rda_post_merge_del.sql  
rda_pre_copyfm.sql  
rda_pre_copymark.sql  
rda_pre_merge.sql  
rda_report_forcegeo.sql  
rda_report_forceloc.sql  
rda_report_nonunitgeo.sql  
rda_report_nonunitloc.sql  
rda_report_parent.sql  
rda_select_complan_rep.csh  
rda_select_ve.csh  
rda_select_ve.sql  
rda_select_ve1.csh  
rda_select_ve_monitor_icon  
rda_updpid_fromtucha.csh  
rda_updpid_fromtucha.sql  
rda_updpid_fromtucha1.csh  
rda_updpid_fromtucha1.sql  
rda_ve.csh  
rda_ve.sql  
rda_ve1.csh  
rda_ve_monitor_icon  
rdab2  
report_monitor  
report_monitor_window  
set_max_gain_processes.csh
```

G.3 Segmentation Scripts

RDA has two segments, a database segment and a client segment. The database segment is called “RDASRV” and is located in /h/RDASRV/ while the client segment is called “RDA” and is located in /h/RDA/.

G.3.1 RDASRV Segment

- a. /h/RDASRV/SegDescrip/ holds the segment’s environment specification files:

DEINSTALL
Data
Hardware
ModName
PostInstall
ReleaseNotes
Requires

Security
SegType
VERSION
Validated

- b. /h/RDASRV/Scripts/ holds commonly used UNIX Scripts:

determine_oracle_password
determine_oracle_password_new
enter_new_oracle_password
enter_new_rda_user.csh

- c. /h/RDASRV/install contains UNIX and SQL Scripts which are used in granting and revoking RDA privileges to users:

drop_rda_user.csh
grant_rda_role.sql
rda_check_user.sql
rda_revoke_user.sql
rda_user.csh

- d. /h/RDASRV/sql/ holds the PL/SQL scripts required to install the RDASRV segment:

create_rda_role.sql
drop_rdauser.sql
dropall.sql
getSQL
grant_rda_role.sql
gsorts_rda_role.sql
installall.sql
invalid.sql
pkgStatus.sql
ld_msg
msg.ctl
msg.data
pdr_insert_errors.sql
rda_role.sql
truncmsg.sql

Plus the files listed in paragraph G.2.2 (ORACLE PL/SQL).

G.3.2 RDA Segment

- a. /h/RDA/SegDescrip/ holds the segment's environment specification files:

DEINSTALL
Hardware
ModName

PostInstall
ReleaseNotes
Requires
Security
SegType
VERSION
Validated

- b. /h/RDA(bitmap/ contains RDA desktop icon file:

rda.img

- c. /h/RDA/progs contains the RDA launch script:

RDA_env

- d. /h/RDA/src/helpdata contains the help text files for RDA's on-line help:

chkprblm.txt
cin_det.txt
cin_tmpl.txt
compare.txt
cr_ul_id.txt
cre_cpin.txt
cre_rcds.txt
crea_ulp.txt
dt_rq_sl.txt
edit_cgo.txt
editor.txt
flow_ana.txt
geo_loc.txt
geo_sel.txt
help.config
jsit.txt
lvl3_edt.txt
merge.txt
pid_text.txt
pin_det.txt
pin_tmpl.txt
plan_sum.txt
rda_main.txt
renumber.txt
reports.txt
rqmtlist.txt
sel_fcn.txt
sel_fm.txt
sh_pid_d.txt
timeline.txt

- tudet.txt
 - uln_det.txt
 - uln_tmpl.txt
 - e. /h/RDA/data contains the RDA application code generated from the Gain Momentum runtime generation process.
 - f. /h/RDA/bin contains runtime files generated by the Gain Momentum runtime generation process and the following RDA files for executing RDA:
 - autop.gel*
 - rdab2*
 - g. /h/RDA/bin/sol2s contains runtime files generated by the Gain Momentum runtime generation process and the following Solaris 2 specific files for supporting RDA execution:
 - RDAsyslib.so*
 - wish
 - wish4.1
 - tcclsh7.5
 - h. /h/RDA/bin/hp700 contains runtime files generated by the Gain Momentum runtime generation process and the following HP700 specific files for supporting RDA execution:
 - RDAsyslib.so*
 - wish
 - wish4.1
 - tcclsh7.5
 - i. /h/RDA/data/Profiles/ contains Executive Manager profile files required by the GCCS desktop:
 - LaunchDesc.RDA*
 - LaunchList.RDA*
 - j. /h/RDA/ contains the environment variables assignment file:
 - RDA.env*